

TrewTungsten

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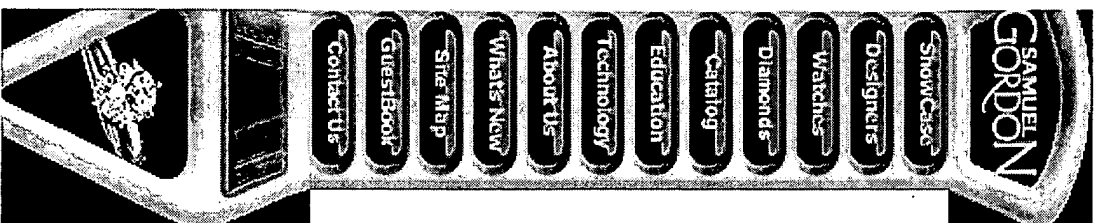
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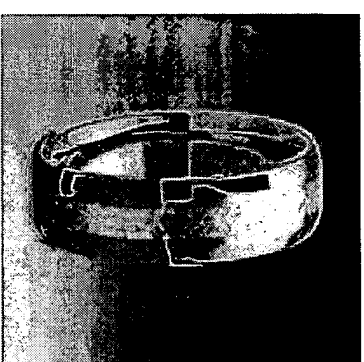
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TREWTUNGSTEN™ BY TRENT WEST

TrewTungsten™ - The World's
First Hard Metal Rings

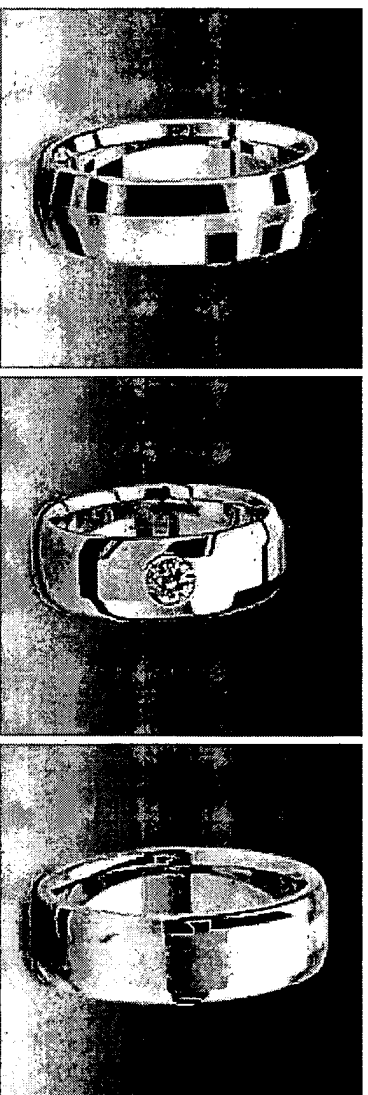
Jewelry innovation as family tradition since 1919. Trent's maternal grandfather, George Parr 1897-1967 was an accomplished fine jewelry designer who owned a number of stores in southern California between 1919 and 1967. Trent was inspired by his grandfathers inspirational design sense when he apprenticed with him in 1967. After another 2 years of working experience, Trent opened his first retail jewelry location in Venice California in 1970.



Trent West has had a successful 34 year career as a jewelry designer, goldsmith and gemologist owning retail stores in Carmel, Aptos, Capitola and Venice California. Trent's heritage in the jewelry business has been creating one of a kind hand fabricated gold and platinum diamond engagement rings.

Throughout Trent's career he has achieved success by creating jewelry emphasizing clean, fluid lines with a minimum of clutter. His main inspiration has always been in observing the natural tapered effects in nature. How water flows in a path or how plants and animals are made up of a series of tapered elements. He believes the human mind has to work much harder to look at angles and squares verses natural flowing shapes.

Trent began R&D on the worlds first hard metal bands after he was inspired by a wrist watch given to him made primarily from Tungsten Carbide. Trent's vision was to create rings that combine a totally unique look along with incredible endurance and long lasting beauty. He was awarded a Patent in 1999 for this unique concept.



Permanently Polished™ Metal : TrewTungsten™ Hard Metal is a special type of Tungsten Carbide, the world's hardest metallic substance. Rings made of this high tech metal will retain a polish longer than any other metal; it measures between 8 and 9 on the Mohs hardness scale. Sapphire, the hardest of the colored gemstones is 9 on the Mohs scale. Fine Swiss watch makers have used a similar type of Tungsten Carbide in their wristwatches for nearly 40 years. Please note: Tungsten has no relationship with Steel or Titanium.


Gemstone Like Brilliance : TrewTungsten™ rings are ground and highly polished into a Patented Design that employs angled facets on the exterior that emphasize light reflections. In essence, a hard metallic surface that exhibits an unparalleled gemstone like luster and brilliance.

Unique Dark Gray Color : The TrewTungsten™ Hard Metal possesses a unique dark gray color, which is in striking contrast to the Gold and Platinum inlaid sections. These rings have the most distinctive two-tone look available today.

High Tech Process : Years of painstaking research and development were necessary to create what may be the world's most difficult wedding ring to produce. Rough TrewTungsten™ ring blanks are put through a complex 30-step grinding and polishing process made possible by specially developed machinery, using only diamond abrasives. Trent West has also perfected a method of permanently fusing Platinum and Gold inlays into the centers of TrewTungsten™ rings.

Laser Marking and Serializing : Every TrewTungsten™ ring is laser hallmarked inside denoting the TrewTungsten™ logo, (WC) symbolizing Tungsten Carbide, a precious metal symbol for the inlaid versions (Plat, 22K and 18K) and a 6-character serial number for accurate identification. In addition, we offer a custom laser engraving service.

Free Size Exchange : TrewTungsten™ rings have a free lifetime size exchange policy to enable you to purchase them with confidence. Due to their extreme hardness, these rings may not be stretched or sized. Limit: One free size exchange for the original customer.

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Education



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Q1: What is your favorite gemstone for jewelry?

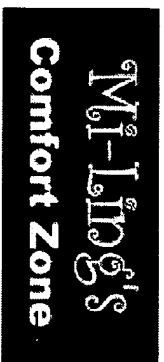
- ☐ Diamond
- ☐ Sapphire
- ☐ Emerald
- ☐ Ruby
- ☐ Peridot
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TrewTungsten™ Hard Metal is a special type of Tungsten Carbide, the world's hardest metallic substance. Rings made of this high tech metal will retain a polish longer than any other metal. TrewTungsten™ rings are ground and highly polished into a patented design that employs angled facets on the exterior that emphasize light reflections. TrewTungsten™ Hard Metal possesses a unique dark gray color, which is in striking contrast to the gold and platinum inlays. These rings have the most distinctive two-tone look available today and a hard metallic surface that exhibits an unparalleled gemstone like luster and brilliance.

Visit the Solomon Brothers Fine Jewelry [online showroom](#) for the TrewTungsten™ design's of jewelry designer Trent West.

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①1 N° de publication : **2 752 688**
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②1 N° d'enregistrement national : **96 10986**

⑤1 Int Cl⁶ : A 44 C 27/00

⑫

DEMANDE DE BREVET D'INVENTION

A1

②2 Date de dépôt : 04.09.96.

③0 Priorité :

④3 Date de la mise à disposition du public de la
demande : 06.03.98 Bulletin 98/10.

⑤6 Liste des documents cités dans le rapport de
recherche préliminaire : *Se reporter à la fin du
présent fascicule.*

⑥0 Références à d'autres documents nationaux
apparentés :

⑦1 Demandeur(s) : JOAILLIER DU VERMEIL SOCIETE
A RESPONSABILITE LIMITEE — FR.

⑦2 Inventeur(s) : DEROBERT PIERRE et TOYES ERIC.

⑦3 Titulaire(s) :

⑦4 Mandataire : CABINET LAURENT ET CHARRAS.

⑤4 PIECE D'ORFÈVRE, DE BIJOUTERIE, DE JOAILLERIE, D'HORLOGERIE, DE DECORATION OU
ANALOGUE.

⑤7 Pièce d'orfèvrerie, de bijouterie, de joaillerie, d'horlo-
gerie ou analogue, du type comportant une base en métal
fin, une couche barrière recouvrant la base, et une couche
supérieure en un autre métal fin adhérent à la couche bar-
rière, caractérisée en ce que la couche barrière est en pla-
tine.

FR 2 752 688 - A1



PUB-NO: FR002752688A1

DOCUMENT-IDENTIFIER: FR 2752688 A1

TITLE: Metal material for use in jewellery,
watch-making and similar work

PUBN-DATE: March 6, 1998

INVENTOR-INFORMATION:

NAME

DEROBERT, PIERRE

TOYES, ERIC

COUNTRY

N/A

N/A

ASSIGNEE-INFORMATION:

NAME

JOAILLIER DU VERMEIL

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FR

APPL-NO: FR09610986

APPL-DATE: September 4, 1996

PRIORITY-DATA: FR09610986A (September 4, 1996)

INT-CL (IPC): A44C027/00

EUR-CL (EPC): G04B037/22 ; A44C027/00

ABSTRACT:

CHG DATE=19990617 STATUS=O>The metal material comprises a base layer of a precious metal, a barrier layer and a surface layer of another precious metal which adheres to the barrier layer. The barrier layer is of platinum which can contain microscopic particles of tungsten carbide, nitride carbide, diamond and PTFE. The thickness of the barrier layer is 0.5-4 μ m, preferably 2.5-3.5 μ m

m. The material can be made from a succession of layers of precious metal with platinum barrier layers between. The base layer can be of silver and the outer layer of gold, which can be covered with platinum.

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets



(11)

EP 0 940 098 A1

(12)

DEMANDE DE BREVET EUROPEEN

(43) Date de publication:

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(21) Numéro de dépôt: **98420038.6**

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(84) Etats contractants désignés:

**AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE**

Etats d'extension désignés:

AL LT LV MK RO SI

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3, place de l'Hôtel-de-Ville
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(54) **Pièce d'orfèvrerie, de bijouterie, de joaillerie d'horlogerie, de décoration ou analogue**

(57) Pièce d'orfèvrerie, de bijouterie, de joaillerie, d'horlogerie ou analogue, du type comportant une base en métal fin, une couche barrière recouvrant la base, et une couche supérieure en un autre métal fin adhérent à la couche barrière, caractérisée en ce que la couche barrière est en platine.

EP 0 940 098 A1

PUB-NO: EP000940098A1

DOCUMENT-IDENTIFIER: EP 940098 A1

TITLE: Jewellery piece, watch, decoration
or the like

PUBN-DATE: September 8, 1999

INVENTOR-INFORMATION:

NAME

DEROBERT, PIERRE

TOYES, ERIC

COUNTRY

CH

FR

ASSIGNEE-INFORMATION:

NAME

JOAILLIER DU VERMEIL

COUNTRY

FR

APPL-NO: EP98420038

APPL-DATE: March 3, 1998

PRIORITY-DATA: EP98420038A (March 3, 1998) , FR09610987A
(September 4, 1996)

INT-CL (IPC): A44C027/00

EUR-CL (EPC): A44C027/00 ; C23C028/00, C25D015/02

ABSTRACT:

CHG DATE=20000103 STATUS=O> The material comprises a base layer, e.g. of silver or white gold, covered with a layer of precious metal and plated with platinum. The platinum coating contains microscopic particles of other materials, selected from the group comprising silicium, tungsten carbide, nitride carbide, diamond and PTFE. The platinum coating is 2.5-3.5 μ m thick,

and it can be applied by chemical, physical or electrolytic means.